

Vecera, Z. and Bieber, B.
PHOTOMETRIC DETERMINATION OF SMALL PHOS-
PHORUS CONTENTS IN ALUMINIUM ALLOYS

Jan 60.
Order from MT 3 3s

MT Trans-77

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 1, p. 56-58.

DESCRIPTORS: *Aluminum alloys, *Phosphorus,
Photometers, Determination, Alloys.

MT 66

(Metallurgy, TT, v. 6, no. 5)

61-22879

- I. Vecera, Z.
- II. Bieber, B.
- III. MT Trans-77
- IV. Tollemache, M. de O.
(Ox. Brit.).

180573

Office of Technical Services

La Structure de la Perlite Formee par la Desintegration
Continue de l'Austenite, by I. Hrivnak. UNCL

CZECH to FRENCH, per, Hutnicke Listy, Vol XIV, Feb 1959,
pp 133-139.

IRSID T 1212
185, Rue President-Roosevelt
Paris 16^{me}

61-22880

Hrivnak, Ivan.
THE STRUCTURE OF PEARLITE FORMED DURING
THE CONTINUOUS BREAKDOWN OF AUSTENITE.

Jan 60.

Order from MT

MT Trans-78

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 2, p. 133-139.

DESCRIPTORS: *Austenite. Transformations, *Pear-
lite.

- I. Hrivnak, I.
- II. MT Trans-78
- III. Tollemache, M. de O.
(Gt. Brit.)

18156

Office of Technical Services

(Metallurgy--Ferrous Metals, TT, v. 6, no. 7)

Diffusion of ZN in Ni, by S. Trajkov.
CZECH, per, Hutnicke Listy, Vol 14, 1959, pp 139-141.
*NTIS TT 72-56080

June 72

The Surfacing of Pilger Rolls of Rolling
Mills, by O. Pejcoch, J. ~~Samson~~ UGOL
Kuznik.

CZECH, per, Hutnicke Listy, No 2, 1959,
pp 173-184.

BISI 1507

GB/41/1077

(L10)

Sci - Engr
Feb 60

CTS 62-1456
106,717

Modification of Carbon Extraction Replique
for Austenitic Steels, by I. Brivnak. USCL

CZECH, per, Zurnicke Listy, No 3, 1959,
pp 211-214.

BISI 1508

(IA 15a.(X).)

Sci - Min/Mat

Feb 60

109,463

Determination of Oxygen in Aluminum, by LotosK Kopa.

CZECH, per, Hutnicke Listy, Vol XIV, 1959, pp 322-324.

*AEC ucl Tra 774 (4)

Sci
Dec 61

An X-Ray Study of Plastically Formed Kovar
Alloys, by Alexander Spirkov, 8 pp.

CZECH, per, Hutnicke Listy, Vol XIV, No 4, 1959,
pp 316-319.

SLA 61-20198

Sci
Mar 62
Vol VII, No 3

188, 087

Determination of Oxygen in Aluminum by Melting in
Vacuum, by Lubos Kopa, 10 pp.

GERMAN, per, Hutnicke Listy, Vol. XIV, 1959, pp 322-324.
9093313

AEC UCRL Tr-774(L)

Sci - Chem
Apr 62

191, 294

Coatings of Reactor Fuel Elements, by B. Prenosil.

CZECH, EK per, Hutnicka Listy, Vol XIII, No 4, 1959,
pp 330-334. CIA #660721.

ATIC MCL 632

Sci - Fuels

May 61

DC-10

152,568

61-22882

Jezek, C. J., Koutsky, J., and Pluhar, J.
THE NATURE OF THE PRECIPITATES FORMED
FROM MODIFIED 12% CHROMIUM STEEL IN THE
TEMPERATURE RANGE ABOVE 550° C. Jan 60.
Order from MT 4 4s MT Trans-104

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 5, p. 469-472.

DESCRIPTORS: *Steel, *Chromium alloys, Heat
treatment.

- I. Jezek, C. J.
- II. Koutsky, J.
- III. Pluhar, J.
- IV. MT Trans-104
- V. Tollemache, M. de O.
(Gt. Brit.)

Office of Technical Services

Metallurgy--Ferrous Metals, TT, v. 6, no. 7)

A Study of the Origin of Non-Metallic Inclusions
in Steel by Means of the Radioactive Isotope Ca^{45} ,
by J. Cadek, et al.

CZECH, per, Hutnické Listy, Vol. XIV, No 6, 1959,
pp 478-484.

MI 128

Sci- Chem; Min/Met

148, 849

May 61

The Effect of Cold Deformation on the Structure
of Austenitic Grains, by I. Hrivnak. UNCL

CZECH, per, Hutnicko Listy, No 6, 1959,
pp 507-511.

BISI 1509
(15.10s.04.)

Sci - Min/Mat
Mar 60

110,276

Contribution to the Problem of the Production
of H 80 Normalized Oil Tubes From Manganese
Steel, by R. Sejnka, L. Prohaska. UNCL

Czech, for, Entzies Listy, No 7, 1959,
pp 569-573.

ZHX 1539

(15.04.01.)

Sci - Eng
Mar 60

110,283

Protection From Radioactive Radiation in Metallurgical
Plants, by J. Kuba. UNCL

CZECH, per, Hutnicke Listy, No 7, 1959, pp 583-588.

*HB 4698

Sci - Chem
Nov 59

Hrivnakova, D.
THE EFFECT OF COLD DEFORMATION ON THE
BLOCK STRUCTURE OF PURE ALUMINIUM. Jan 60.
Order from MT MT Trans-79

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 7, p. 598-602.

DESCRIPTORS: *Aluminum, Deformation, Crystal
structure.

61-22884

I. Hrivnakova, D.
II. MT Trans-79
III. Tollemache, M. de O.
(Gt. Brit.)

176644

Office of Technical Services

(Metallurgy--Nonferrous Metals, TT, v. 6, no. 6)

The Effect of the Degree of Reduction of the
Softening of Iron Ores, by J. Leitner.

CZECH, per, Hutnicka Listy, Vol XIV, 1959,
pp 659-667.

Broken Hill Prop Co Ltd
(CRL/T.660)

Sci - Min/Met
Apr 62

191, 417

OTS TT-62-28099 (RUSSIAN to FRENCH)

Diffusion of Zn and Cd into Sb, by S. Trajkov.
HUNGARIAN, per, Hutn Listy, Vol 14, 1959, pp 670-673.
*NTIS TT 71-56041

July 71

The Use of Electron Microscopy for the Study
of Kinetic Phenomena in Previously Selected
Areas, by M. Molcik, M. Klesnil. UNCL

CZECH, par, Hutnicka Listy, No 8, 1959,
pp 688-692.

BISI 1510

(15 15s.cd.)

Sci - Electron; Phys
Feb 60

109,464

The Effect of the Distribution of Precipitation
in Corrosion-Resistant Austenitic Steels, by
V. Cihak, J. Jezek. (Czech)

Czech, per. Hatanaka Listy, No 8, 1959.
pp 695-700.

BISI 1511
(15.5s.03.)

110,277

Sci. - Min/Met
Mar 60

Sejnoha, R.
THE USE OF MANGANESE-VANADIUM STEEL FOR
LARGE FORGINGS. Jan 60.
Order from MT

MT Trans-II

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 8, p. 743-748.

DESCRIPTORS: *Manganese steel, *Vanadium alloys,
Heat resistant alloys, Forging, Steel.

(Metallurgy, TT, v. 6, no. 3)

61-22885

- I. Sejnoha, R.
- II. MT Trans-II
- III. Tollemache, M. de O.
(Gt. Brit.).

186574

Office of Technical Services

61-22836

Jezek, J., Vohoril, J., and Cihal, V.
THE NATURE OF THE PHASES FORMING IN THE
STRUCTURE OF BRITTLE TRANSFORMER SHEET.
Jan 60.
Order from MT

MT Trans-80

Trans. of Hutnicke Listy (Czechoslovakia) 1959, v. 14,
no. 9, p. 777-786.

DESCRIPTORS: *Steel, *Sheets, Transformers,
Mechanical properties, Phase studies.

- I. Jezek, J.
- II. Vohoril, J.
- III. Cihal, V.
- IV. MT Trans-80
- V. Tollemache, M. de O.
(Gt. Brit.)

Office of Technical Services

(Metallurgy--Ferrous Metals, TT. v. 6, no. 7)

Research Into Material for Drill Pipe Casings
With a Minimum Yield Strength of 98 kg/mm², by
R. Sejncha. UNCL

CZECH, per, Hutnicka Listy, No 9, 1959,
pp 829-840.

BISI 1540

Sci - Engr
Apr 60

(18)

114,320
CTS 62-14536

Historical Development and Present State of the
Theory of the Piercing Process in Seamless Rolled
Tube Manufacture, by B. Pocta.

CZECH, per, Hutnicke Listy, Vol. XIV, No 10,
Prague, 1959, pp 844-849.

BISI 1948

Sci - Engr

May 61

MT 04

148,124

Improvements in the Photometric Determination of
Silicon, by Z. Konecny.

CZECH, per, Rutnické Listy, Vol XIV, No 10,
Prague, 1959, pp 903, 904.

BISI 1961

Sci - Phys

May 61

148, 118

The Influence of Copper on the Recrystallization
Temperature of Low-Carbon Steels, by M. Zidek.

CZECH, per, Hutnicke Listy, Nov 1959, pp 943-947.

BISI 1807

Sci - Min/Met

Sep 60

127,198

Koutsky, J. THE ESSENCE OF THE CREEP RESISTANCE OF MODIFIED 12% Cr. STEELS. Jan 60. Prder from MT 5 5s MT Trans-17 Trans. of Hutnické Listy (Czechoslovakia) 1959, v. 14, no. 11, p. 951-955. DESCRIPTORS: *Steel, *Chromium alloys, Creep. (Metallurgy--Ferrous Metals, TT, v. 6, no. 7)	61-22887 I. Koutsky, J. II. MT Trans-17 III. Tollemache, M. de O. (Gt. Brit.) 10155 Office of Technical Services
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Corrosion in Heterogeneous Nuclear Reactors,
by V. Cihai, I. Sekerka.

CZECH, per, Hutnicke Listy, Vol XIV, 1959,
pp 978-984.

FELTHAM

Sci - Chem

Jun 61

156,915

Refining of Open-Hearth and Semi-Basic-Converter
Pig Irons by Oxygen Top-Blowing, by Z. ZdeneR.
k

CZECH, per, Hutnicke Listy, Vol XIV, No 12, 1959,
pp 1073-1077.

HB 4773

Sci - Engr

Oct 60

129,108

Low-Alloy Ferritic Steels for the Manufacture
of Tubes, Forgings and Castings for Power Plant,
by F. Sicha, V. Foldyna.

CZECH, per, Rutnicka Listy, No 12, Prague;
1959, pp 1097-1099.

BISI 1669

136,592

BEAR - Czechoslovakia

~~136,592~~

The Forgeability of Ferritic Steels for Superheat
Tubes, by O. L. Bihet, M. Csanbo.

CZECH, per, Hutnicke Listy, Vol XIV, Prague, 1959
pp 1103-1105.

BISI 1670

also see: French, per, Revue de Metallurgie,
Vol LVII, Jul 1960, pp 607-612.

Sci - Engr
Jun 61

156,543

The Development of Modified 12 Percent Cr Steels
for Forgings and Castings in Steam Turbines,
by J. Koutsky.

CZECH, per, Hutnicke Listy, Prague, No 12,
1959, pp 1105-1107.

BISI 1671

Sci - ~~XX~~ Engr

Sep 60

124,969

Intermetallic Phases in Two Types of Modified
12 Percent Chromium Steels, by J. Pluhar, et al.

CZECH, per, Butnicka Listy, No 12, Prague,
1959, pp 1108-1111.

BISI 1672

Sci - Chem

NKK M6369

Sep 60

124,971

The Effect of Heat Treatment on the Mechanical Properties and Creep Rupture Strength of 15Cr35NiTi Precipitation Hardening Austenitic Steel, by L. Cizek.

CZECH, per, Hutnické listy, Vol XIV, No 12, Prague, 1959, pp 1115-1118.

BISI 1673

NKLM 3370

134 304

Stress Relaxation in Heat Resisting Austenitic
Steels, by R. Pech.

CZECH, per, Hutnicke Listy, Vol XIV, No 12,
Prague, 1959, pp 1119-1121.

BISI 1674

Sci - Min/Met

Jul 61

162,753

The Development of Economical High Temperature
Creep-Resistant Austenitic Steels in Czechoslo-
vakia, by F. Poboril.

CZECH, per, Hutnicke Listy, Vol XIV, No 12,
Prague, 1959, pp 1121-1124.

BISI 1675

SEMr - Czechoslovakia
Econ
Jun 61

156867

S-623/64

Structural Factors Increasing the Creep Properties
of Age Hardening Ni-Cr Alloys, by W. Betteridge,
269p. Government Use Only
~~KUSCZ~~CZECH, per, Hutnicke Listy, Vol XIV, 1959,
pp 1133-1137.

J
*JPRS/SPECIAL/DC-10551

Sci 64M/M
Jun 64

The Calculation and Operational Safety of Steam
Boilers, by P. Bettzieche.

CZECH, per, Hutnicke Listy, Vol XIV, No 12,
1959, pp 1169-1171.

BISI 1676

Sci - Engr

173, 787

Nov 61

On the Evaluation of Creep Tests, by V. Foldyna.
CZECH, per, Hutnicke Listy, Vol XIV, No 12, 1959,
pp 1172-~~21~~ 1176.
CEGB 3166

Sci - Engr
Apr 64

255,123

REFLECTIONS ON THE EXTRAPOLATION OF CREEP
RUPTURE TEST RESULTS, BY G. KRUGER.

CZECH, PER, HUTNICKE L¹³/TY, VOL XIV, L959,
PP 1180-1184.

AEI T/1700

SCI - MIN/METALS

173,188

NOV 61

GB/4/T/1700

On the Extrapolation of Short-Time Creep Data
to Long Periods, by W. Siegfried.

CZECH, per, Hutnicke Listy, Vol XIV, No 12,
1959, pp 1187-1192.

GB/152

FELTHAM

Sci - Engr

155,929

Jun 61

SECRET

(DC-3548)

The Tasks of Our Metallurgical Industry During 1960
and During the Third Five-Year Plan, by Frantisek
Houdek, 13 pp. FOR OFFICIAL USE ONLY

CZECH, per, Hutnicke Listy, No 1, Brno, 1960,
pp 1-5.

JPRS 3391

COPYRIGHT

118,805

EEur - Czechoslovakia
Econ - Mineral/Metals
Jun 60

SECRET

(DC-3548)

Know-How and Experience With the Evaluation of Coal
and Mixtures for the Production of Metallurgical
Coke, by M. F. Kessler, 27 pp. FOR OFFICIAL USE ONLY

Czech, per, Hutnicke Listy, No 1, Brno, 1960,
pp 6-12.

JFRS 3391
COPYRIGHT

118,304

EUR - Czechoslovakia

Econ - Fuels/ Power

Jun 60

Influence d'un Raccourcissement de la Duree de
Travail du Bain sur la Qualite de l'acier Martin, by
A. Bichler.

to French

CZECH, per, Hutnicke Listy, Vol XV, No 2, 1960,
pp 101-109.

CDS I.T.3320

Sci

Nov 61

The Effect of the Method of Deoxidation on the Nature
of the Non-Metallic Inclusions and Mechanical
Properties of Steel, by M. Mandl, et al.

CZECH, per, Hutnicke Listy, No 2, Prague, 1960,
pp 109-119.

BISI 1668

CS/RD

Sci - Min/Met

Oct 60

A Study of Fatigue Breakdowns in Steels With Various Carbon Contents, by M. Klesnik.

CZECH, per, Hutnicke Listy, Vol XV, No 2, 1960, pp 120-125.

MT 135

Sci - Min/Met.

Apr 61

148,097

Effect of Changing Mill Roll Variables on the
Deformation Process and Occurrence of Defects
in Tube Manufacture, by O. Pajnoch.

CZECH, per. Hutnické Listy, No 2, 1960,
pp 157-166.

BISI 1774

NKK M 6366

Sci - Eng

Doc 60

134,079

The Influence of Metallurgical Factors on the
Mechanical Properties of Castings in Thirteen
Percent Chromium Steel Melted in Induction Furnaces,
by J. Koutsky.

CZECH, per, Hutnicke Listy, Vol XV, No 3, 1960,
pp 179-188.

MT 136

Sci - Min/Net

Apr 61

148,096

The Causes of Overheating and Burning of Steel, by
J. Elfmark, L. Toman.
CZECH, per, Hutnicke Listy, Vol XXV, No 3, 1960,
pp 200-207.

BSI 3589

Sci - Engr
Feb 64

Etude des conditions de production d'aciers doux
magnetiques, by L. Kodrle, J. Wozniak.

in French
CZECH, per, Hutnicke Listy, Vol XV, No 4, 1960,
pp 253-260.

CDS I.T.3412

Sci

Nov 61

The Production and Properties of New Fe-Al Alloys,
by Mr. A. Kabrhel.

CZECH, per, Hutnicke Listy, Vol XV, No 4, 1960,
pp 260-266.

*U.K. Atomic Energy Authority
Risley, TRG Inf Ser 102(C)

Sci - Min/Metals
Jul 62

Influencing the Solidification of Ingot Hot Tops
by Means of Exothermic Powders and Linings, by
L. Smrha & I. Brodsky.

CZECH, per, Hutnicke Listy, Vol XV, ^{no 4.} 1960,
pp 266-275.

~~SECRET~~
*MT 114

Sci
Mar ~~64~~ 63

The Kinetics of Sintering Metal-Ceramic Materials
With Formation of the Liquid Phase, by
Bohuslav Cech, 20 pp. *11*

CZECH, per, Butnicka Listy, Vol XV, No 4, 1960,
pp 287-292.
2

SLA 61-20080

Sci
Mar 62
Vol VII, No 3

188, 085

(DC-4185)

Fifteen Years of Czechoslovak Metallurgy, by
Vaclav Cerny, 4 pp. FOR OFFICIAL USE ONLY

CZECH, per, Hutnicke Listy, Vol XV, No 5,
1960, pp 335-337.

JPRS 6329

JPRS 5785

KUR - Czechoslovakia

ECCA

Dec 60

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134 375

(DC-4185)

Tasks of the Metallurgical Industry in the Period ~~XX~~
1961 to 1965, by Vaclav Horejs, 3 pp.
FOR OFFICIAL USE ONLY

CZECH, per, Hutnicke Listy, Vol XV, No 5, 1960,
pp 337, 338.

JPRS 6329

EEur - Czechoslovakia
Econ
Dec 60

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(DC-4185)

Present Status and Prospects of Ferrous Metallurgy
by Joseph Hlavacek, 11 pp. FOR OFFICIAL USE ONLY

CZECH, per, Hutnické Listy, Vol XV, No 5, 1960,
pp 338-342.

JPAS

6329

From - Czechoslovakia

Econ

Dec 60

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134,376

(DC-4185)

The Contribution of the New Klement Gottwald
Metallurgical Plant to the Development of
Metallurgy, by Leo Drondek, 15 pp.
FOR OFFICIAL USE ONLY

CZECH, per, Hutnicke Listy, Vol XV, No 5, 1960,
pp 342-347.

JPRS 6329

134,377

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Activity of the Research Institute of Ferrous
Metallurgy, by Ivo Petráň, 19 pp.
FOR OFFICIAL USE ONLY

CZECH, per, Hutnické Listy, Vol XV, No 5,
1960, pp 348-353.

JPRS 6329

EMU - Czechoslovakia
Econ
Dec 60

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(DC-4185)

Research in the Field of Metallurgical
Ceramics, by Jan Pliesovsky, 7 pp.
FOR OFFICIAL USE ONLY

CZECH, per, Hutnicke Listy, Vol XV, No 5, 1960,
pp 353-355.

JPRS 6329

REur - Czechoslovakia
Reon
Dec 60

134,379
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On Insuring Conditions of High Durability of
Rolls for Cold Rolling During Their Manufacture,
by Z. Kaderavek.

CZECH, per, Hutnicke Listy, Vol XV, No 5, Prague,
1960, pp 355-366.

BISI 2193

Sci - Engr

Jul 61

162,751

Effect of the Rate of Movement on the Thickness
of the Coating During Metallizing in Liquid
Metals, by A. Hrbek.

CZECH, per, Hutnické Listy, Vol XV, No 5,
1960, pp 379-382.

MT 153

Sci - Min/Met

148,839

May 61

SETOC

(NY-4581)

Czechoslovak Metallurgy From 1945 to 1960, by
Jiri Ghvojka, 11 pp. FOR OFFICIAL USE ONLY

CZECH, per, Hutnicke Listy, Vol XV, No 6, 1960,
pp 419-422.

JPRS 5801

ESur - Czechoslovakia

MI Econ

Oct 60

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129,059

A Study of the Ferritic Grain Boundaries in
Iron and Low-Carbon Steels, by I. Hrivnak.

CZECH, per, Hutnicke Listy, Vol XV, No 6,
1960, pp 432-441.

MT 173

Sci - Min/Met

Jun 61

156,056

(NY-4701)

SETOC

Instruments and Equipment for Automation of
Metallurgical Operations, 32 pp. FOR OFFICIAL
USE ONLY

CZECH, per, Hutnicke Listy, Vol XV, No 6, 1960,
pp 467-474.

JPRS 5801

EEur - Czechoslovakia
Econ
Oct 60

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129,060

ASTOC

(NY-4561)

Instruments for Automation of Metallurgical
Operations Developed and Produced in Trinec
Ironworks, 7 pp. FOR OFFICIAL USE ONLY

CZECH, per, Hutnicka Listy, Vol XV, No 6, 1960,
pp 474-476.

JPRS 5801

129,061

EFur - Czechoslovakia
Econ
Oct 60

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Vydra, F. and Pribil, R.
INDIRECT CERIMETRIC DETERMINATION OF
COBALT IN STEELS. [1961] 4p.
Order from ATS \$6.75 ATS-04N57C

Trans. of Hutnicke Listy (Czechoslovakia) 1960,
v. 15, no. 6, p. 476-477.

DESCRIPTORS: *Steel, *Cobalt, Determination.

CJ-3352

(Metallurgy--Ferrous Metals, TT, v. 7, no. 5)

62-12364

I. Vydra, F.
II. Pribil, R.
III. ATS-04N57C
IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Dosage Colorimetrique de l'aluminium dans les
aciers, by L. Doubek.

to French
CZECH/ per, Hutnicke Listy, Vol XV, No 6, 1960,
pp 477-478.

CDS I.T.3339

Sci

Nov 61

Determination of Calcium in Aluminium and Aluminium
Alloys (Silumins) by Means of a Flame Photometer,
by E. Kubista, V. Kabicky, H. Tietz.

CZECH, per, Hutnické Listy, Vol. XV, No 6, 1960,
pp 479, 480.

MI 154

Sci - Min/Met

148,822

The Problem of Intergranular Corrosion of Austenitic
24CR-19Ni Steels, by V. Cihal, et al.

CZECH, per, Hutnické Listy, Vol. XV, No 7, 1960,
pp 518-524.

MT 137

Sci - Chem

Jan 61

136,602

The Effect of Metallurgical Factors on the
Brittleness of Castings in Thirteen Percent
Cr Steel Melted in Arc Furnaces, by J. Kouraky,
F. Kinsky.

CZECH, per, Hutnické Listy, Vol XIV, No 7, 1960,
pp 524-528.

MT 138

Sci - Min/Met

148,098

Apr 61

A Thermodynamic Study of the Effect of
Temperature on the Course of Treatment of
Copper and Lead Mattes by the Converter
Process, by J. Schmiedl, J. Holeczy.
CZECH, per, Hutnicke Listy, Vol. 15, No 7,
1960, pp 529-537.
MT-493

Sci-Materials
Oct 66

313,216

Farsky, Roman.
SPECIAL ATMOSPHERES IN SPECTRUM ANALYSIS.
[1963] 15p. 19 refs.
Order from SLA \$1. 60

63-14467

Trans. of Hutnické Listy (Czechoslovakia) 1960,
v. 15, p. 548-552.

DESCRIPTORS: Spectroscopy, Gases, *Air, *Argon,
*Nitrogen, Electrodes, Chemical reactions,
Pressure, Thermal conductivity, Impurities,
*Aluminum, *Zinc, *Magnesium, Analysis, *Gas
discharges, *Controlled atmospheres.

(Physics--Spectroscopy, TT, v. 10, no. 7)

63-14467

I. Farsky, R.

REVERSE TRANS
TO FRENCH by
CEA-X-513
(9214740)

Office of Technical Services

Possibilites d'accroissement de la capacite de
production des bloomings grace a des modifications
de leurs commands, by V. Pokorny.

CZECH to FRENCH, per, Hutnicke Listy, Vol XV, No 8,
1960, pp 598-602.

82
CDS I.T.34

sci
sci

N v 61
9

Bases of the Calculation of Planetary Mills, by
K. Styblo.

CZECH, per, Hutnicke Listy, Vol XV, No 8, 1960,
pp 609-615.

NET 155

Sci - Engr

148, 833

May 61

Popelar, Vladislav. MANUFACTURE OF SEAMLESS TUBING ELBOWS BY HOT DRAWING. [1961] 15p. 4 refs. Order from RIS \$30.00 RIS B-68 Trans. of Hutnický List (Czechoslovakia) [1960] v. 15, no. 8, p. 619-625. DESCRIPTORS: *Steel tubing, *Joints, Production, Manufacturing methods, Deformation. (Machinery--Manufacturing, TT, v. 6, no. 2)	61-22494 I. Popelar, V. II. RIS B-68 III. Research Information Service, New York 168652 Office of Technical Services
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A Study of Hydrogen in Steel Melts From Basic
Furnaces Fired With Gas and Oil, by M. Sicha.

CZECH, per, Hutnicke Listy, Vol XV, No 8,
1960, pp 657-669.

MT 126

Sci - Engr

133,892

Dec 60

A New Method for the Analysis of Carbides in Steel
by B. Brhacek, et al.

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BISI 2017

Sci - Min/Met

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Kalivoda, Alea.
 DETERMINATION OF THE COEFFICIENT OF
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 [1961] 8p. (7 footnotes omitted).
 Order from SLA \$1.10

62-10333

Trans. of Hutnicke Listy (Czechoslovakia) 1960,
 v. 15, no. 9, p. 687-689.

DESCRIPTORS: *Ferrites, Carbides, *Steel, Alloys,
 *Carbon, *Activity coefficient, Determination,
 Silicon, Nickel, Manganese, Chromium.

On the basis of the Hillert's formula:

$$\frac{a_c}{a_c} = -\gamma(4F - 3),$$

pure cementite + alpha

(Metallurgy, TT, v. 7, no. 8)

(over)

62-10333

1. Kalivoda, A.

201330

Office of Technical Services

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by Z. Eninger, V. Pauer.

CZECH, per, Hutnicke Listy, Vol XV, No 9,
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Answer to the Comment of N. Chvostinov, by L.
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A Study of the Influence of Deoxidising Elements on
the Kinetics of Desulphurization of Iron by Means of
 S^{32} , by Liu Su-Chen, J. Skala, M. Mandl.

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*MT 159

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Production of Powdered Iron, by Miroslav Petrolik,
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EEur - Czechoslovakia

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Sci - Min/Met; Chem

BISI 3461

May 61

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